



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

OFFICE OF
PREVENTION,
PESTICIDES
AND TOXIC
SUBSTANCES

February 4, 2009

DP BARCODE: # 360592

MRID: # 476120-01

SUBJECT: Vanquish Technical

REG. NO. OR FILE SYMBOL: 1258-1267

DOCUMENT TYPE: Product Chemistry Review

Manufacturing-use [X] OR End-use Product []

INGREDIENTS (PC Codes) N-butyl-1, 2-benzisothiazolin-3-one (098951)

CAS Number: 4299-07-04

TEST LAB: Arch Chemicals, Inc.

SUBMITTER: Arch Chemicals, Inc. (registrant)

GUIDELINE: Group A OPPTS 830.1600

REVIEWER: Alex Traska

ORGANIZATION: AD

APPROVER: Karen P. Hicks

APPROVED DATE: 2/4/09

COMMENT: Amendment (OPPTS 830. 1600 update)



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MEMORANDUM

Subject: Review of EPA Reg. No. 1258-1267

From: Alexander W. Traska, Chemist
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

At 2/4/2009

Thru: Karen P. Hicks, CT Team Leader
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

Thru: Michele E. Wingfield, Chief
Product Science Branch
Antimicrobials Division (7510P)

To: Marshall Swindell PM #33
Regulatory Management Branch
Antimicrobials Division (7510P)

Applicant: Arch Chemicals, Inc.
Action code: (362) Formula Change, Technical
Due out date: 02 March 2009

Formulations from Label

<u>Active Ingredient(s)</u>	<u>% by wt.</u>
N-Butyl-1, 2-benzisothiazolin-3-one.....	99.2
<u>Other Ingredients</u>	<u>0.8</u>
Total	100.0

I BACKGROUND

This data submission, for the subject manufacturing-use microbicide for use in the formulation of antimicrobial products , was made by the registrant, Arch Chemicals, Inc.

The registrant, in this data submission, has updated the OPPTS 830.1600 study (Description of Materials Used to Produce Product) with the change of an ingredient supplier.

The following documents were submitted and examined in the chemistry review of this submission: registrant's transmittal document dated November 26, 2008, product label EPA dated November 8, 2006, Basic CSF dated 8/30/06 and study update covering OPPTS 830.1600 (Description of Materials Used to Produce Product) under MRID # 476120-01 dated 11/26/2008.

II FINDINGS

1. The change in the supplier of the starting material DTBA for guideline OPPTS 830.1600 (Description of Materials Used to Produce Product) was reviewed and is accepted. This study update was under MRID # 476120-01.

2. The requirements of PR Notice 91-2 were satisfied. The nominal concentration of the active ingredient, 1,2-benzisothiazoline-3-one, given in the Basic CSF, dated 8/30/06, agreed with the percentage declared on the product label, dated November 2, 2006.

3. The upper and lower certified limits for the active ingredient and the product impurities are accepted.

III CONCLUSIONS

The subject data submission, which updated the OPPTS 830.1600 study under the **Vanquish Technical** registration, is accepted.